

IN THE CLAIMS

1. (currently amended) A device for controlling the specific absorption rate of mass-produced radiant objects, ~~characterized in that it comprises~~ comprising a test zone comprising at least one sensor for measuring a power radiated by an object situated at the level of said test zone and at least one processing unit which analyzes the power thus measured, the sensor comprising a waveguide exhibiting an opening disposed opposite the test zone and at least one measurement probe disposed inside said waveguide.

2. (original) The device as claimed in claim 1, characterized in that it comprises means for conveying the objects up to the test zone.

3. (currently amended) The device ~~as claimed in one of the preceding claims, characterized in that~~ of claim 1 wherein the sensor furthermore comprises a phantom in a material having dielectric properties similar to those of biological tissues, and in which the waveguide is immersed.

4. (currently amended) The device ~~as claimed in one of the preceding claims, characterized in that~~ of claim 3 wherein the phantom is of cylindrical shape or more complex shape.

5. (currently amended) The device ~~as claimed in one of the preceding claims, characterized in that~~ of claim 1 wherein the waveguide is of rectangular cross-section or circular cross-section or more complex cross section.

6. (currently amended) The device ~~as claimed in one of the preceding claims, characterized in that~~ of claim 1 wherein the waveguide is a horn.

7. (currently amended) The device ~~as claimed in one of the preceding claims, characterized in that it comprises of~~ claim 1 further comprising at least two orthogonal probes which run inside the waveguide.

8. (currently amended) The device as claimed in claim 7, ~~characterized in that wherein~~ the waveguide comprises two pairs of orthogonal probes for deviometric processing.

9. (currently amended) The device as claimed in claim 8, ~~characterized in that wherein~~ the two pairs of probes are linked to a deviometry means.

10. (currently amended) The device as claimed in claim 9, ~~characterized in that wherein~~ the processing unit instructs the displaying on a screen of a curve ~~whose wherein the~~ amplitude and the extent are dependent on the radiated power measured and ~~wherein whose~~ a position is dependent on the deviometry measurements.

11. (currently amended) The device as claimed in ~~one of the preceding claims, characterized in that it comprises~~ claim 1 further comprising an array of ~~several~~ sensors exhibiting various orientations.

12. (currently amended) The device as claimed in ~~one of the preceding claims, characterized in that, in the case~~ claim 1 wherein where the radiant objects are cellular communication terminals, ~~it comprises and further comprising,~~ upstream of the test zone, a base station simulator.

13. (currently amended) The device as claimed in ~~one of the preceding claims, characterized in that it comprises~~ claim 1 further comprising upstream of the at least one sensor or sensors guiding means able to impose a certain positioning on the radiant objects.

14. (currently amended) The device as claimed in ~~one of the preceding claims, characterized in that the~~ claim 1 further comprising a processing unit that stores matches between values of integrated specific absorption rates and values of electrical powers, these matches being determined beforehand by calibration.

15. (currently amended) The device as claimed in ~~one of the preceding claims, characterized in that it~~ claim 1 wherein the device further comprises a shielded and anechoic container containing a sensor or an array of waveguide sensors and measurement probes.